

**GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:4025
ANSWERED ON:23.12.2015
Web Geometry
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Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

- (a) Whether the Government has initiated/proposes to initiate any study on web geometry;
- (b) if so, the details thereof and the progress made in this regard including the bio-engineering gene splicing techniques to produce it; and
- (c) if not, the measures undertaken to study on the use of spider's web scientifically?

Answer

MINISTER OF STATE FOR SCIENCE & TECHNOLOGY AND EARTH SCIENCES
(Y.S. CHOWDARY)

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(???. ??, ??????)

- (a) No Madam. The Department of Biotechnology has not initiated/proposed any study on Web Geometry.
- (b) Not Applicable
- (c) Spider silk is one of the fascinating biomaterials widely known for its exceptional strength and strain while spider webs are characterized by a highly organized geometry that renders its function. Worldwide study is being undertaken on how the mechanical characteristics of spider silk contribute to the integrity and performance of a spider web. Though the Department has not initiated/received any proposal in line of spider silk/web geometry of spider, however Department may prospectively consider the proposals if received from interested researchers of the country.
